NOTICE OF INTENT

Department of Environmental Quality Office of Environmental Assessment

Control of Emission of Organic Compounds Exemptions (LAC 33:III.2117) (AQ250*)

Under the authority of the Environmental Quality Act, R.S. 30:2001 et seq., and in accordance with the provisions of the Administrative Procedure Act, R.S. 49:950 et seq., the secretary gives notice that rulemaking procedures have been initiated to amend the Air regulations, LAC 33:III.2117 (Log #AQ250*).

This proposed rule is identical to federal regulations found in 69 FR 69290-69298, No. 228 (November 29, 2004), which are applicable in Louisiana. For more information regarding the federal requirement, contact the Regulation Development Section at (225) 219-3550 or Box 4314, Baton Rouge, LA 70821-4314. No fiscal or economic impact will result from the proposed rule; therefore, the rule will be promulgated in accordance with R.S. 49:953(F)(3) and (4).

This proposed rule reorganizes the list of organic compounds that are exempt from control requirements of LAC 33:III.Chapter 21 to make it more practical. The rule also adds four compounds to the exemptions list. The four new compounds are: 1,1,1,2,2,3,3-heptafluoro-3-methoxypropane (n-C₃F₇OCH₃, HFE-7000); 3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl) hexane (HFE-7500); 1,1,1,2,3,3,3-heptafluoropropane (HFC 227ea); and methyl formate (HCOOCH₃). These newly added compounds are considered to make a negligible contribution to tropospheric ozone formation and should not be counted as volatile organic compounds (VOC). This rulemaking is necessary to keep the state list of exempted compounds identical to the federal list of compounds that make a negligible contribution to tropospheric ozone formation. The basis and rationale for this rule are to mirror the federal regulations.

This proposed rule meets an exception listed in R.S. 30:2019(D)(2) and R.S. 49:953(G)(3); therefore, no report regarding environmental/health benefits and social/economic costs is required. This proposed rule has no known impact on family formation, stability, and autonomy as described in R.S. 49:972.

A public hearing will be held on April 26, 2005, at 1:30 p.m. in the Galvez Building, Oliver Pollock Conference Room C111, 602 N. Fifth Street, Baton Rouge, LA 70802. Interested persons are invited to attend and submit oral comments on the proposed amendments. Should individuals with a disability need an accommodation in order to participate, contact Judith A. Schuerman, Ph.D., at the address given below or at (225) 219-3550. Free parking is available across the street in the Galvez parking garage when the parking ticket is validated by department personnel at the hearing.

All interested persons are invited to submit written comments on the proposed regulation. Persons commenting should reference this proposed regulation by AQ250*. Such comments must be received no later than April 26, 2005, at 4:30 p.m., and should be sent to Judith A. Schuerman, Ph.D., Office of Environmental Assessment, Regulation Development Section, Box 4314, Baton Rouge, LA 70821-4314 or to FAX (225) 219-3582 or by e-mail to judith.schuerman@la.gov. The comment period for this rule ends on the same date as the public hearing. Copies of this proposed regulation can be purchased by contacting the DEQ Public Records Center at (225) 219-3168. Check or money order is required in advance for each copy of AQ250*. This regulation is available on the Internet at http://www.deq.louisiana.gov/planning/regs/index.htm.

This proposed regulation is available for inspection at the following DEQ office locations from 8 a.m. until 4:30 p.m.: 602 N. Fifth Street, Baton Rouge, LA 70802; 1823 Highway 546, West Monroe, LA 71292; State Office Building, 1525 Fairfield Avenue, Shreveport, LA 71101; 1301 Gadwall Street, Lake Charles, LA 70615; 201 Evans Road, Building 4, Suite 420, New Orleans, LA 70123; 111 New Center Drive, Lafayette, LA 70508; 110 Barataria Street, Lockport, LA 70374.

Wilbert F. Jordan, Jr. Assistant Secretary

Title 33 ENVIRONMENTAL QUALITY Part III. Air

Chapter 21. Control of Emission of Organic Compounds Subchapter A. General

§2117. Exemptions

The following compounds listed in the following table are considered A. exempt from the control requirements of this Chapter.: methane; ethane; 1,1,1 trichloroethane (methyl chloroform); methylene chloride (dichloromethane); trichlorofluoromethane (CFC-11); dichlorodifluoromethane (CFC-12); chlorodifluoromethane (HCFC-22); 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113): trifluoromethane (HFC-23); 1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114); chloropentafluoroethane (CFC-115); 1,1,1-trifluoro-2,2-dichloroethane (HCFC-123); 1,1,1,2-tetrafluoroethane (HFC-134a); 1,1-dichloro-1-fluoroethane (HCFC-141b); 1chloro-1,1-difluoroethane (HCFC-142b); 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124); pentafluoroethane (HFC-125); 1,1,2,2-tetrafluoroethane (HFC-134); 1,1,1-trifluoroethane (HFC-143a); 1,1-difluoroethane (HFC-152a); acetone; parachlorobenzotrifluoride (PCBTF); perchloroethylene (tetrachloroethylene); cyclic, branched, or linear completely methylated siloxanes; 3.3 dichloro 1.1.1.2.2 pentafluoropropane (HCFC-225ca); 1.3dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb); 1,1,1,2,3,4,4,5,5,5decafluoropentane (HFC-43-10mee); difluoromethane (HFC-32); ethylfluoride (HFC-161); 1,1,1,3,3,3-hexafluoropropane (HFC-236fa); 1,1,2,2,3-pentafluoropropane (HFC-245ca); 1,1,2,3,3-pentafluoropropane (HFC-245ea); 1,1,1,2,3-pentafluoropropane (HFC-245eb); 1,1,1,3,3-pentafluoropropane (HFC-245fa); 1,1,1,2,3,3-hexafluoropropane (HFC-236ea); 1,1,1,3,3-pentafluorobutane (HFC-365mfc); chlorofluoromethane (HCFC-31); 1chloro-1-fluoroethane (HCFC-151a); 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a); 1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxy-butane (C₄F₉OCH₃); 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF₂)₂CFCF₂OCH₂); 1-ethoxy-1,1,2,2,3,3,4,4,4nonafluorobutane (C₄F₉OC₂H₅); 2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3heptafluoropropane ((CF₃)₂CFCF₂OC₂H₅); and methyl acetate. The following classes of perfluorocarbons are also considered exempt from the control requirements of this Chapter: cyclic, branched, or linear, completely fluorinated alkanes; cyclic, branched, or linear, completely fluorinated ethers with no unsaturations; cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations; and sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.

Exempt Compounds	
acetone	
1-chloro-1,1-difluoroethane (HCFC-142b)	
chlorodifluoromethane (HCFC-22)	
1-chloro-1-fluoroethane (HCFC-151a)	

Exempt Compounds
chlorofluoromethane (HCFC-31)
chloropentafluoroethane (CFC-115)
2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)
cyclic, branched, or linear completely fluorinated
alkanes
cyclic, branched, or linear completely fluorinated
ethers with no unsaturations
cyclic, branched, or linear completely fluorinated
tertiary amines with no unsaturations
cyclic, branched, or linear completely methylated
siloxanes
1,1,2,3,4,4,5,5,5-decafluoropentane (HFC-43-
dichlorodifluoromethane (CFC-12)
1,1-dichloro-1-fluoroethane (HCFC-141b)
1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)
3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-
<u>225ca)</u>
1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114)
1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a)
1,1-difluoroethane (HFC-152a)
difluoromethane (HFC-32)
ethane
3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-
(trifluoromethyl) hexane (HFE–7500)
1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane
$\underline{(C_4F_9OC_2H_5)}$
ethylfluoride (HFC-161)
1,1,1,2,2,3,3-heptafluoro-3-methoxypropane (n-
<u>C₃F₇OCH₃, HFE–7000</u>)
1,1,1,2,3,3,3-heptafluoropropane (HFC 227ea)
2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-
heptafluoropropane ((CF ₃) ₂ CFCF ₂ OCH ₃)
<u>2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-</u>
heptafluoropropane ((CF ₃) ₂ CFCF ₂ OC ₂ H ₅)
1,1,1,2,3,3-hexafluoropropane (HFC-236ea)
1,1,1,3,3,3-hexafluoropropane (HFC-236fa)
methane
methyl acetate
methylene chloride (dichloromethane)
methyl formate (HCOOCH ₃)
1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxy-butane
$(C_4F_9OCH_3)$
parachlorobenzotrifluoride (PCBTF)
1,1,1,3,3- pentafluorobutane (HFC-365mfc)
pentafluoroethane (HFC-125)
1,1,1,2,3-pentafluoropropane (HFC-245eb)
1,1,1,3,3-pentafluoropropane (HFC-245fa)
1,1,2,2,3-pentafluoropropane (HFC-245ca)
1,1,2,3,3-pentafluoropropane (HFC-245ea)
perchloroethylene (tetrachloroethylene)
sulfur-containing perfluorocarbons with no

Exempt Compounds
unsaturations and with sulfur bonds only to carbon
and fluorine
1,1,1,2-tetrafluoroethane (HFC-134a)
1,1,2,2-tetrafluoroethane (HFC-134)
1,1,1-trichloroethane (methyl chloroform)
trichlorofluoromethane (CFC-11)
1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
1,1,1-trifluoro-2,2-dichloroethane (HCFC-123)
1,1,1-trifluoroethane (HFC-143a)
trifluoromethane (HFC-23)

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054. HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended LR 16:118 (February 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:289 (March 1994), LR 21:681 (July 1995), LR 21:1330 (December 1995), repromulgated LR 22:14 (January 1996), amended LR 22:703 (August 1996), LR 23:1661 (December 1997), LR 24:22 (January 1998), LR 25:258 (February 1999), amended by the Office of Environmental Assessment, LR 31